

FEB 02 2006

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/825,504  
Applicant : Volker Derflinger et al.  
Filed : April 15, 2004  
Title : "WORKPIECE WITH A HARD FILM OF ALCR-CONTAINING  
MATERIAL, AND PROCESS FOR ITS PRODUCTION"

Examiner : Archene Turner  
TC/A.U. : 1775

Customer No. : 000,116  
Docket No. : 35523US1

INFORMATION DISCLOSURE STATEMENT INQUIRY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In conducting a status search in PAIR, it was noticed that an IDS submitted on October 15, 2004 was not listed in the file history of the above-referenced patent application. Enclosed is a copy of our October 15, 2004 submission, including our transmittal letter, PTO form 1449 and the return postcard showing receipt of the IDS by the PTO on October 19, 2004. Also enclosed is a copy of the file history obtained from PAIR. This communication is being sent along with a status inquiry.

Please file the enclosed IDS so that the cited references can be considered during examination of this application.

If there are any further fees resulting from this communication not covered by the enclosed check, or if no check was enclosed, please charge the same to Deposit Account No. 16-0820, Order No. 35523US1.

I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for Patents, Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, Alexandria, VA 22313-1450 on the date indicated below.

Michael W. Garvey  
Name of Attorney for Applicant(s)  
February 2, 2006  
Date Signature of Attorney

Respectfully submitted,  
PEARNE & GORDON LLP

By 

Michael W. Garvey, Reg. No. 35878

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Suite 1200  
Cleveland, Ohio 44114-3108  
(216) 579-1700

February 2, 2006

Express Mail \_\_\_\_\_ NO. 04958

Inventor / Applicant: Volker Derflinger et al.

Title: Work piece with a hard film of ALER containing

Serial No. 10/825, 504 Patent No. \_\_\_\_\_ Date: \_\_\_\_\_

Filed: April 15, 2004 Examiner: \_\_\_\_\_

Enclosed Are:

☐ PATENT APPLICATION

\_\_\_\_ New Application Transmittal

\_\_\_\_ Fee Transmittal (in duplicate)

\_\_\_\_ Application Data Sheet

\_\_\_\_ Declaration & Power Of Attorney \_\_\_\_\_ pgs.

\_\_\_\_ Pgs. of Claims

\_\_\_\_ Sheet(s) of Drawing(s)

\_\_\_\_ Formal \_\_\_\_\_ Informal

\_\_\_\_ Continuation or Division

☐ ASSIGNMENT \_\_\_\_\_ pgs.

\_\_\_\_ Transmittal(s)

\_\_\_\_ Original \_\_\_\_\_ Copy

☒ INFORMATION DISCLOSURE

☒ PTO-1449 ☒ Retis.

☐ AMENDMENT \_\_\_\_\_

In Response to Paper No. \_\_\_\_\_

Priority Documents \_\_\_\_\_ listed below

Other POSTCARD


CHECK(S) IN THE AMOUNT(S) OF

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Client Code UNAA Doc. No. 35523US1

Int. \_\_\_\_\_ Date 10/15/04

ACKNOWLEDGES RECEIPT OF:



## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/825,504  
Applicant : Volker Derflinger et al.  
Filed : April 15, 2004  
Title : "WORKPIECE WITH A HARD FILM OF ALCR-CONTAINING  
MATERIAL, AND PROCESS FOR ITS PRODUCTION"

Conf. No. : 8570  
TC/A.U. : 3722

Customer No. : 00116  
Docket No. : 35523US1

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with Rule 56, applicants are aware of the publications listed in the enclosed copy of Patent Office Form 1449.

It is requested that these references be considered by the Examiner in the examination of the above-identified application.

A copy of the cited references is enclosed herewith.

If there are any further fees resulting from this communication not covered by the enclosed check, or if no check was enclosed, please charge the same to Deposit Account No. 16-0820, Order No. 35523US1.


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Michael W. Garvey  
Name of Attorney for Applicant(s)

10-15-2004  
Date

Signature of Attorney

Respectfully submitted,  
PEARNE & GORDON LLP

By   
Michael W. Garvey, Reg. No. 35878

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October 15, 2004

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 35523US1		SERIAL NO. 10/825,504	
INFORMATION DISCLOSURE CITATION BY APPLICANT				APPLICANT: Volker Derflinger et al.			
				FILING DATE: April 15, 2004		GROUP ART UNIT: 3722	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	A						
	B						
	C						
	D						
	E						
	F						
	G						
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation
	H	1 186 681 A1	8/2001	EP			Cited in Spec.
	I	09-041127	8/1995	JP			Cited in Spec.
	J						
	K						
OTHER INFORMATION							
	R	Thin films (Proc. 4 in. Sympos. Trends & New Applications of Thin Films 1993) DGM Info. Sges., Oberursel 1993, p 73.					
	S	Surface & Coatings Technology vol. 165, 2 (2003) p. 163-167. Oxidation Resistance of $\text{Cr}_{1-x}\text{Al}_x\text{N}$ and $\text{Ti}_{1-x}\text{Al}_x\text{N}$ films.					
	T	Surface & Coating Technology vol. 163-164 (2003) p. 57-61. High-Temperature Oxidation Resistance of $\text{Cr}_{1-x}\text{Al}_x\text{N}$ Thin Films Deposited by Reactive Magnetron Sputtering.					
	U	J. Vac. Sci. Technol. A 20(2), Mar/Apr 2002, p. 569-571. Microhardness and Lattice Parameter of $\text{Cr}_{1-x}\text{Al}_x\text{N}$ Films.					
	V	Surface & Coating Technology, vol. 163-164 (2003) p. 546-551. Abrasive Wear Testing of DLC Coatings deposited on plane and Cylindrical Parts.					
	W	Tribologie-Fachtagung 2000, moers: Ges. F. Tribol. 2002, ISBN 3-00-003404-8, Investigations of Mechanical and Tribological Properties of $\text{CrAlN} + \text{C}$ Thin Coatings Deposited on Cutting Tools.					
Examiner:					Date Considered		
<p>*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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